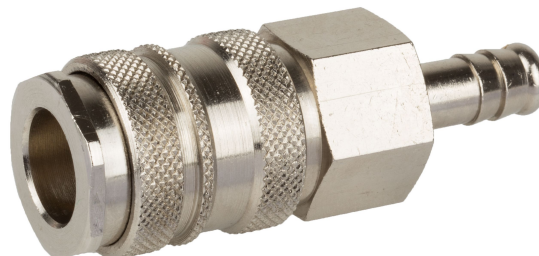


AVENTICS Series CP1 Couplings

The AVENTICS Series CP1 of safe couplings using single snap-on coupling are robust and safe.



Technical data

Industry	Industrial
Port D	NW 7,8
Port G	Ø 10
Compressed air connection type	Collar
Nominal width NW	7.8 mm
Nominal flow Qn	1950 l/min
Min. working pressure	0 bar
Max. working pressure	35 bar
Min. ambient temperature	-20 °C
Max. ambient temperature	100 °C
Min. medium temperature	-20 °C
Max. medium temperature	100 °C
Medium	Compressed air
Delivery unit	1 piece
Weight per piece	0.095 kg
Housing material	Brass
Surface housing	nickel-plated
Material release bushing	Steel
Surface release bushing	nickel-plated

Lock coupling, Series CP1

1823376042

Series CP1

2025-12-03

Seal material	Acrylonitrile butadiene rubber
Material connector	Brass
Surface connector	nickel-plated
	1823376042

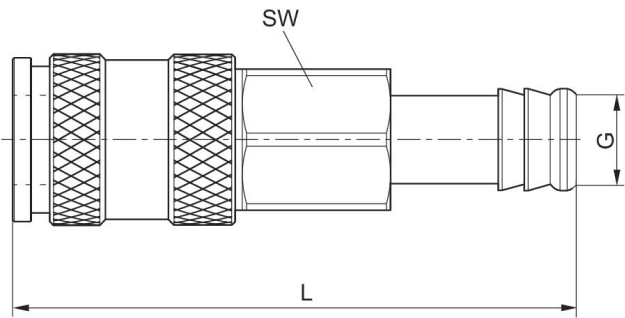
Technical information

Coupling plugs with NW 7.2 (brass) as well as NW 7.8 (steel) fit couplings with NW 7.8.

Nominal flow Qn at 6 bar and $\Delta p = 1$ bar

It is recommended to secure the hose to the coupling with a tubing clamp.

Dimensions



Part No.	Port G	Nominal width NW	L	SW
1823376040	Ø 6.3	7,8 mm	70.3	19
1823376041	Ø 8.3	7,8 mm	70.3	19
1823376042	Ø 10.3	7,8 mm	70.3	19
1823376043	Ø 13.3	7,8 mm	70.3	19